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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,181	04/06/2004	Ying-Kin Tony Yip	MS#304540.01 (5099)	7363
38779	7590	10/12/2007		
SENNIGER POWERS (MSFT) ONE METROPOLITAN SQUARE, 16TH FLOOR ST. LOUIS, MO 63102			EXAMINER WOO, ISAAC M	
			ART UNIT 2166	PAPER NUMBER
			NOTIFICATION DATE 10/12/2007	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@senniger.com

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<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/820,181	YIP ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Isaac M. Woo	2166	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 September 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) 26-40 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All   b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>6/1/2007</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on September 04, 2004 has been entered.

2. Claims 1, 11 and 17 are amended. Claims 26-40 are withdrawn. Claims 1-25 are presented for examination for this office action.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Nixon et al (US Patent No. 7,127,460, hereinafter, "Nixon").

With respect to claims 1, 11 and 17, Nixon teaches receiving a request from a user to implement a change in configuration data (col. 7, lines 55-67 to col. 8, lines 1-10), the configuration data defining an operation of a client (col. 7, lines 55-67 to col. 8, lines 1-10, abstract); storing the received request in a memory area (col. 7, lines 55-67 to col. 8, lines 1-10); requesting topology data from the memory area based on the configuration data, the topology data defining a relationship between the client and the configuration data (fig. 2, col. 9, lines 20-67, col. 14, lines 13-50, col. 27, lines 31-54); receiving the requested topology data from the memory area, the received topology data identifying the client in response to the received request from the user (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53); identifying a notification service associated with the identified client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54); and notifying the identified notification service of the change in the configuration data, wherein notifying includes generating a notification manifest identifying the client, the notification manifest defining the change in configuration data and specifying the client affected by the change (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claim 2, Nixon teaches application program, a server, a service, and an operating system component (fig. 1, col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 3, Nixon teaches generating a notification manifest identifying the client, the notification manifest defining the change in configuration data and specifying the client affected by the change; generating a notification as a function of the notification manifest; and sending the notification to the memory area for access by the notification service (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50).

With respect to claim 4, Nixon teaches target configuration data, further comprising storing an instance of the target configuration data in the memory area and modifying the topology data to define a relationship between the target configuration data and the client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50).

With respect to claim 5, Nixon teaches determining if the user has authority to change configuration data (fig. 1, col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 6, Nixon teaches application program, a server, a service, and an operating system component (fig. 1, col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 7, Nixon teaches changing configuration data of a back-end client, changing configuration data of a front-end client, changing configuration data of a monitoring client, or viewing configuration data of a second client (fig. 1, col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 8, Nixon teaches searching a second memory area to determine if the notification service notified the client of the change in configuration data (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claims 9-10, Nixon teaches storing a record in a second memory area, the record indicating one or more of the following: a time that the request to change the configuration data is received, target configuration data, or an identification of the client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claim 12, Nixon teaches obtaining a notification manifest comprises querying a configuration database for the notification manifest (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50).

With respect to claim 13, Nixon teaches storing a record in a second memory are in response to sending the notification manifest, the stored record indicating that the client has been notified of the change in the configuration data (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50).

With respect to claim 14, Nixon teaches the client is being notified of the change in the configuration data, that the client has been notified of the change in the configuration data, or that the change in the configuration data has been executed on the client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50).

With respect to claims 15-16, Nixon teaches sending the notification manifest as an electronic mail message (col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 18, Nixon teaches applying the change in the configuration data to a cache associated with the client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claim 19, Nixon teaches authenticating a source of the notification manifest (col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 20, Nixon teaches storing a record in a memory area in response to notifying the determined cache service, the record indicating that the client has been notified of the change or that the client has applied the change or both (col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 21, Nixon teaches a time stamp indicating a time associated with the notifying (col. 7, lines 55-67 to col. 8, lines 1-10).

With respect to claim 22, Nixon teaches storing previous configuration data of the client in a memory area, the previous configuration data indicating a previous configuration state of the client (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claim 23, Nixon teaches receiving a request to change the client from an existing configuration state to the previous configuration state, and wherein the change in the configuration data represents a change from the existing configuration data of the client to the previous configuration data (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).

With respect to claims 24-25, Nixon teaches change in the configuration data represents a change in an operational state of the client, the operational state indicating whether the client is executing a service (col. 30, lines 30-62, col. 19, lines 55-67 to col. 20, lines 1-50, col. 21, lines 25-53, col. 27, lines 31-54).



**Conclusion**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M. Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Isaac Woo  
September 27, 2007

